If you are using a printed copy of this procedure, and not the on-screen version, then you MUST make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are available by contacting the ESSHQ Procedures Coordinator, Bldg. 911A

C-A OPERATIONS PROCEDURES MANUAL

15.3.3.12 Siemens Dwell Correction Monitor Setup

(Booster/AGS Ring Power Supply Systems Group Procedure EPS-S-0012)

Note: This document was formerly a C-A Group Procedure. The content of the group procedure was reviewed by the Technical Supervisor. All approvals and/or issue dates of the original group procedure are maintained for present use.

Text Pages 3 through 4

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials

Approved: ***Signature on File*** _____
Collider-Accelerator Department Chairman Date

M. Bannon

Group Procedure EPS-S-012
Revision A

1. Changing the front screen scale on computer screen.

Note:
The screen displays both hall voltage in gauss and time When changing the time and the time interval it is necessary to change this value in the program as well as the screen display**.**

a. Control break.

b. Halt.

c. To change **delay from T o time** (the first reading) select line 105/291 in the program which states delay time from T o and put in the appropriate time in MS. Note: (100ms= .100 seconds) then on the next line, line106/291 in the program is the **interval of sample** time, this is the time between samples **(Note: This interval is constant)** therefore you choose 50 MS the next 4 readings are taken 50MS apart from each other)

Example : Delay time is 120MS and interval is 50 MS the readings will be

#1	#2	#3	#4	#5
120MS	170MS	220MS	270MS	320MS
T o	T o + S	T o + (2S)	T o + (3S)	T o + (4S)

S= Interval of Sample

2. This is what you will have to change the screen display time settings to in the following steps.

3. Options.

4. User Interface Editor

5. Select the time box (using the mouse)

Note:
The first time box should be the delay time from T o selected in step C. The following time boxes will be time readings of equal increments as per example in step C

6. Double click the left mouse button (here is where you change the screen time and hall gauss voltage.) Select the axis to change, move to the value be changed and click.

7. Change the value.

8. After time or hall gauss is changed click on OK. (Optional) Here you can change the number of digits displaying the hall gauss voltage.

   Example: 1.0027 is 6 digits (.) is included as a digit.

9. Click OK.

10. Repeat for each time box steps G thru J increasing the time by the constant time chosen in Step C.

11. Then FILE.

12. Then SAVE & RETURN

13. Then SAVE.

14. Then PROGRAM.

15. Then RUN.

16. Check the screen after program restarts and check to see that the time and hall gauss voltage are reading and displaying on the graph properly.